



107 mm 19-Barrel Naval Rocket Launcher with Fire Drive System (FDS)



This naval rocket launcher is a new version of the 107mm rocket launcher which is equipped with gyroscope. It is intended to be used against the moving and stationary targets such as warships, frigates, oil tankers, harbors and islands. This rocket launcher has been designed to be mounted on the speedboats travelling at speed over 45 knots; therefore, it utilizes the high speed of the craft and its own high volume of fire in the theater of operation to suppress the enemy forces.



TECHNICAL SPECIFICATIONS

Caliber	107 mm
No. of barrels	19
Barrel length	900 mm
Max. range	8500 m
Weight (without ammunition)	approx. 400 kg
Rate of fire	19 rounds / 20-24 seconds
Elevation range	-5° to +45° (with a mechanical stop adjustable in increments of 5 degrees)
Angular speed of elevation	Max. 25°/s with an accuracy of 3-5 mils
Time to prepare for action	Max. 5 minutes with firing limiting system, max. 1 minute without firing limiting system
Operational conditions	-10°C to +60°C and humidity of 95%
Endurance strength	4g in operational status and 5g in navigational status
Power supply	24 - 28 DC
Service life	500 rounds, each barrel
Elevation mechanism	1- Manual, from inside the cabin with the capability of reading the elevation angle from inside the cabin and from the side of launcher. 2- Hydraulic, semi – automatic 3- Hydraulic- automatic by FDS